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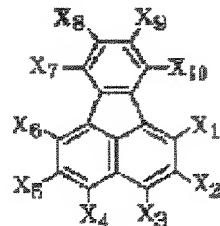
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(54) ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an organic electroluminescent element with high luminescent efficiency and high luminance by interposing a layer containing a fluoranthene derivative between a pair of electrodes.

SOLUTION: An organic electroluminescent element interposing at least one layer containing at least one kind of fluoranthene derivatives represented by the formula (wherein X1-X10 show a hydrogen atom, a halogen atom, a straight chain, branched, or cyclic alkyl group, alkoxy group, a substituting or non-substituting aryl group, at least one of X1-X10 is a straight chain, branched, or cyclic alkyl group, alkoxy group, or a substituting or non- substituting aryl group, and an adjacent alkyl group and aryl group of X7-X10 may be bonded and form a ring.) for example, 7-methyl fluoranthene as a luminescent layer is manufactured. The organic electroluminescent element with high luminance usable as a panel type light source of a back light or the like is obtained.



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